

KV18

Chopped strand series

Chopped strand nomenclature

Example: BCS 13-1/4"-KV18

BCS- basalt chopped strand

13 - monofilament diameter [μm]

1/4" – cut length [inches]

KV18 – type of sizing



Processing

Basalt chopped strand of this series is mainly recommended for production of compounds by extrusion process with polypropylene, polyethylene and high density polyethylene resins.

Product description

Property	Description
Type of fiber	Basalt
Monofilament diameter [μm]	13-21
Cut length [inches]	$\frac{1}{8}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{5}{8}$, 1, $1\frac{1}{4}$, 2, $3\frac{1}{2}$
Type of sizing	Silane
Sizing content (% wt)	≥ 0.6
Resin compatibility	PP/PE/HDPE
Moisture content (% wt)	< 0.1

Applications

Basfiber® reinforced PP/PE/HDPE can be used for structural and functional parts, such as automotive parts, tubes for water supply and heating systems, home appliance and furniture parts, etc.

Packaging information

Type of bag	Amount of fiber, kg
PE bag	20
Big bag	500-600

Up to 30 PE bags or 1 big bag are loaded in a big cardboard box on a 120 x 80 cm pallet.